

SZOKE, Bela

Basic phenomena of kinetic ball bearing oscillation. Muszaki
kozl MTA 30 no.1/4:341-364 '62.

SZOKE, B.

Hydromechanical torque converter with piston differential gear. Acta techn Hung 44 no.3/4:261-283 '63.

SZOKE, Bela

Delineation of correlations; basic concepts of cutting and
some arithmetic notions. Gepgyartastechn 4 no. 2:71-77
F '64.

SECRET, Bela

Classification of helicoidal surfaces and a precise calculating
method for thread cutting circular tools. Műsz közl MTA 34 no.3:
293-310 '64.

L 40194-66 ENT(d)/EWP(v)/EWP(k)/EWP(h)/EWP(1) BC

ACC NR: AP6030048

SOURCE CODE: HU/0031/66/000/004/0111/0116

AUTHOR: Szoke, Bela

21
B

ORG: none

TITLE: Logic and functionality in the control of machine movements 14

SOURCE: Finommechanika, no. 4, 1966, 111-116

TOPIC TAGS: machine tool, mechanical engineering

ABSTRACT: The theoretical and practical aspects of machine control by manual devices were discussed with especial emphasis on control with the aid of a control stick (single-lever control). The constructional features of stick controls, permitting the operator to integrate motions in the four principal directions, were described and a discussion was made on the number of functions capable of being controlled by a single lever. The practical and theoretical conclusions capable of being drawn from the considerations presented were discussed in terms of machine-tool control. Orig. art. has: 8 figures, 10 formulas and 1 table. [JPRS: 36,559]

SUB CODE: 13 / SUBM DATE: none / ORIG REF: 004 / OTH REF: 005

Card 1/1 20

0918 0642

CSANYI, Laszlo, a kémiai tudományok kandidátusa (Szeged); SZOKE, Ferenc
(Szeged)

Effect of the interference of oxalate ions in cerimetry. Kem tud
kozl MTA 13 no.4:393-403 '60. (EEAI 9:12)

1. Egyetemi Szervetlen es Analitikai Kémiai Intezet, Szeged.
(Oxalates) (Ions) (Cerimetry)

HUNGARY/Chemical Technology. Chemical Products and Their Uses. Part III. Industrial Synthesis of Dyes. H

Abs Jour : Ref Zhur-Khimiya, No 15, 1958, 51280

Author : Rusznak, I., Marton, E., Sello, I., Szoke, G.
Inst : -
Title : Phthalocyanic Pigments and Their Sulfo-derivatives.

Orig Pub : Magyar textiltechn., 1956, No 9, 325-327

Abstract : Processes for preparation of $AlCl_3$ -phthalocyanine (I) and its sulfonated derivatives were investigated. A mixture of 54 g of phthalic anhydride, 62.5 g urea, 1.25 g NH_4 -molybdate, 27 g Na_3PO_4 and 250 g $C_6H_3Cl_3$ was carefully heated until mel-

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HUNGARY/Chemical Technology. Chemical Products and Their Uses. Part III. Industrial Synthesis of Dyes.

Abs Jour : Ref Zhur-Khimiya, No 15, 1958, 51280

ting, at which time a mixture of 15 g $AlCl_3$ and 25 g $C_6H_3Cl_2$ was gradually added. The reacting mass was maintained in a homogeneous state, was heated to 200-205° and stirred for six hours at 200-205°. The color changed from green to greenish-blue. Subsequently, 27 g of urea and 50 g $C_6H_3Cl_2$ were added, the mixture was stirred for another five hours and $C_6H_3Cl_3$ was driven off by water vapor. The residue was mixed with hot water from which I was filtered. Impurities were extracted from the ground, crude I with alcohol. The

Card : 2/4

Szöke György.

2342* . Designing of Blast Furnaces on the Basis of Capacity Calculation, and Determination of Economic Coke Requirements. A nagyolvasztók kapacitászámításokon alapuló tervezése és a gazdaságos kokszfelhasználás meghatározása. (Hungarian.) György Szöke. *Kohászati lapok*, v. 10, no. 11, Nov. 1955, p. 481-490. MG

Concept of production capacity of blast furnaces, determination of its factors. Diagram, tables, graphs.

SZOME, Gy., WAGNER, Z.

"Theoretical and Practical Problems of Evaluating and Planning Exploitation of Production Capacity", P. 1. (TOBBTEHMELES, Vol. 7, No. 2, Feb. 1953, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955, Uncl.

SZOKE, Gyorgy

Development of the export economy calculations and their methodological problems in the construction industry. Epites szemle 5 no.11:332-338 N '61.

1. Epitesugyi Miniszterium Epitestechnikai es Epitesgazdasagi Iroda tudomanyos csoportvezetoje, Budapest.

52015 G.
GOLDBERGER, A.; HEGYMEGI KISS, P.; SZOKE, G.; TELEGGI, I.

Significance of bacilli secretion in infantile tuberculosis. Gyermekgyógyászat. 2 no.9:273-276 Sept 51. (CML 21:1)

1. Doctors. 2. Szabadsaghegyi State Children's Sanatorium (Director Head Physician--Dr. Istvan Flesch).

HOFFMANN, I.; GOLDBERGER, A.; SZOCSKA, M.; SZOKE, G.

Streptomycin therapy of infant tuberculosis. Gyermekgyógyászat 4 no.4:
119-121 Apr 1953. (CIML 24:4)

1. Doctors. 2. Szabadsághégyi State Children's Sanatorium (Director --
Head Physician -- Dr. Istvan Flesch).

FLESCCH, I.;SCHULER, D.;SZOKE, C.

Essential pulmonary hemosiderosis. *Gyermekgyógyászat* 4 no. 10:300-311
Oct 1953. (CML 25:5)

1. Doctors. 2. Szabadsághegy State Children's Sanatorium (Director --
Dr. Istvan Flesch) and First Institute of Pathological Anatomy and
Cancer Research (Director -- Prof. Dr. Jozsef Balo) of Budapest Medical
University.

SZÖKE, GYULA

FLESCH, Istvan, dr.; PINTER, Gabriella, dr. SZÖKE, Gyula, dr.; TOTH, Eva, dr.

Present status of the therapy of meningeal and acute military tuberculosis. Gyermekgyógyászat 5 no.8:225-235 Aug 54.

1. A Szabadzaghegyi Allamgyermekszanatorium közleménye (igazgató:
Flesch Istvan dr.)
(TUBERCULOSIS, MILIARY, ther.)

FLESCH, Istvan, dr.; SZOCSKA, Miklos, dr.; SZOKE, Gyula, dr.

Anamnestic data in meningeal tuberculosis. *Gyermekgyógyászat* 7 no.2:
52-57 Feb 56

1. A Szabadsághegyi Állami Gyermek. (igaz.-főorvos. Dr. Flesch
Istvan) közl.

(TUBERCULOSIS, MENINGEAL, in inf. & child
anamnestic data in 274 cases (Hun))

BARKOCZY, Pal; SZOKE, Gyula, dr.

Economical questions of constructing dwelling house floors
and ceiling with stressed concrete beams. Magyar ipar
13 no.10:575-582 '64.

...K., I.

SZOK, I. Felrón Kerpely's Az elektrocélvezetés gyártása (Practice of Manufacturing Steel Electrically); a book review. p. 501.

Vol. 10, No. 11, Nov. 1955.

FCHASZATI LAPOK
TECHNOLOGY
Budapest, Hungary

See: East European Accession, Vol. 5, No. 5, May 1956

SZOKS, I.

SZOKS, I.

The House of Technology, the home of engineers, technicians, innovators, and inventors.

p. 14 (Ujítok ~~Lapja~~) Vol. 9, No. 17, Oct. 1957, Budapest, Hungary

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC. - VOL. 7, NO. 1, JAN. 1958

SZOKE, Istvan, ass. secretary

Let us consider the young engineers more. Musz elet 15 no.7:4
Mr '60. (EEAI 9:7)

1. SZOT Mernok- es Technikus Tanacs.
(Hungary--Technology)

SZOKÉ

LEVENDEL, Iaszlo, Dr.; SZOKÉ, Jozsef, Dr.

Studies on cholinesterase (CEA) activity and its significance in pulmonary tuberculosis study methods and results. Tuberkulozis 10 no.10-12:247-251 Oct-Dec 57.

1. Az Országos Koranyi Tbc. Intezet) Mb. igazgató-őorvos: Seri Istvan Dr., tudományos vezető: Sebők Loránd dr.) I. Belosztályának (osztályvezető: Boszormenyi Miklós dr.) közleménye.

(TUBERCULOSIS, PULMONARY, blood in cholinesterase activity (Hun))

(CHOLINESTERASE, in blood in pulm. tuberc., determ. of activity (Hun))

SZOKE, Jozsef; TAKACS, Janos

Press tools suitable for making quadrangular, framed pastilles.
Koz fiz kozl MTA 11 no.6:479-483 '63.

CA SZOKE, J.

Modification of the Barger method for the determination of molecular weight. Dezso Szabó and József Szoke (Univ. Pécs, Hung.). *Magyar Kém. Folyóirat* 56, 352-3 (1950).— The following modifications were worked out to improve the original Barger method (*J. Chem. Soc. (London)* 83, 296 (1904)): To avoid the combining of soles., only one drop of the standard soles. and another drop of the soles. of unknown mol. wt. is introduced into the capillary tube. Instead of abs. vol., the relative vols. of the drops should be evaluated; this makes possible the graphical presentation of the results. A formula is given for the calcn. of mol. wts. with an av. error of 2-3%. When dil. soles. are examd. successively, 2 graphic methods can be combined to obtain the accurate mol. wt. The method is suitable for investigating the changes of mol. wt. during longer chem. processes. The following compounds were used: *p*-nitrophenol, β -carotene, benzidine, salicylic acid, azobenzene, phenanthrene, menthol, levulose, naphthalene, diazobenzene, pentacetylglucose, and palmitic acid. István Finkly

SZÖKE, J.

An account of the plans of the Committee on Instruments of the Biochemical Department and the demonstration of instruments arranged in connection with the "nucleic acid conference."

p. 188 (magyar Kemikusok Lapja. Vol. 12, no. 5/6, May/June 1957, Budapest, Hungary)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

SZOKE, J.

3
JAD (RM) (MAY)

7

✓ The structure of the uranyl complexes. J. Szoke (Central Research Inst. Phys., Budapest, Hung.). *Acta Univ. Szegediensis, Acta Phys. et Chem.* 5, Nos. 3-4, 51-7(1959)(in German).—The UO_2^{++} compds. have the following compn., depending on the ligand, *L*: $UO_2L \cdot 1.5H_2O$, $UO_2L \cdot 2H_2O$, $H[UO_2L] \cdot aq.$, $M[UO_2L]$, $[UO_2L]_n$, and $Hpy[UO_2L]$. While these compds. are cryst., those of UO_2^{++} with Schiff bases are amorphous and are regarded as polymers. The complexes are distorted octahedra, the main axis of which forms an angle of 85.5° with the O-U-O axis and with the remaining axes at 73° . Apparently, UO_2L_2 complexes are formed only with ligands contg. 2 different chelating atoms, while β -diketones form only UO_2L_2 complexes with 2 free positions for binding H_2O mols., etc. The electronic structure of UO_2^{++} is said to be $5f^0d^0sp^3$. L. Müller

MW

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B122/B227

AUTHORS: Borossay, József, and Szűke, József, Doctor
(see Association)

TITLE: Metal interference filters

PERIODICAL: Mérés és Automatika, v. 8, no. 3, 1960, 83 - 85

TEXT: The author describes metal interference filters, preferred to all other filters because of their higher efficiency and handiness, for the production of monochromatic light from the ultraviolet to the infra region. Transmission metal interference filters are produced by the application of two well reflecting semi-transparent metal coatings - separated by a non-transparent layer of salt (dielectric) - to a transparent sheet, say glass. A proper choice of the reflection factors, of the material and thickness of the dielectric makes it possible for only a very narrow band of the wave range of the light (about 8-12 nm/m⁻⁹/) to be transmitted. The characteristic data of the interference fringe transmitted by metal filters are: 1) the wave length of the light (λ_{max}) transmitted with

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Metal interference filters ...

maximum intensity; the maximum transmission (T_{max}) of the filter, or the relative intensity of transmission measured at λ_{max} ; 3) the half-fringe width (W), which is the yardstick of monochromatism measured at $T_{max}/2$. Less frequently used is the 1/10 fringe width measured at $T_{max}/10$. These

parameters are computed from Maxwell's equations. The authors write down the simplified form of maximum transmission resulting from these equations:

$T_{max} = T_f^2 / (1 + R_f)^2$, where T_f and R_f are the transmission and reflection factors, respectively, of the metal layer. From this follows the expression of half-fringe width: $W = \frac{2 \lambda_{max}}{(m\pi - \gamma_f) \arcsin(1 - R_f) / 2\sqrt{R_f}}$, where γ_f is

the phase angle and m the order of interference = 1, 2, 3, ... These formulas hold for perpendicular incidence and a parallel light beam only. The field of application of metal interference filters is wide. They are used in various photometric, photochemical, colorimetric, etc.,

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Metal interference filters ...

optical instruments and can be produced up to 100-mm diameter in various sizes and forms. Their importance is growing with the development of vacuum engineering, especially vacuum evaporation, applied in their preparation. The authors illustrate the method of calculation by an example ($\lambda_{\max} = 550 \text{ nm}$, $W = 10 \text{ nm}$). λ_{\max} is calculated from the approximative formula: $2d = m\lambda_{\max}$, choosing the optical thickness (d) of the dielectric. R_f is calculated from the formula of relative fringe width: W/λ_{\max} , and is found to be 96%. Knowing this, the thickness of the silver layer S is calculated from empirical data and is found to be 500 Å. The results of calculation are illustrated in Figs. 3 and 4. The Gamma Optical Works have conducted research into the technological problems of the production of homogeneous metal interference filters. They have found that in the visible spectrum range (400-750 nm), filters of 25-35% maximum transmission can be produced on any wave length. There are 4 figures, 1 table, and 7 references: 1 Soviet-bloc. X

Card 3/4

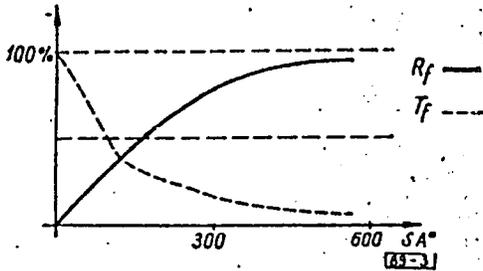
21205

Metal interference filters ...

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B122/B227

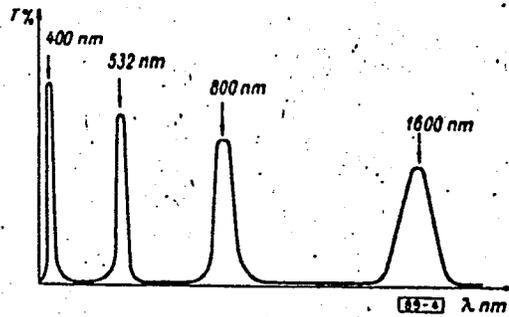
ASSOCIATION: Gamma Optikai Művek (Gamma Optical Works)(József Borossay);
Központi Fizikai Kutató Intézet (Central Research Institute
of Physics)(József Szöke).

SUBMITTED: November 30, 1959



3. ábra

Fig. 3: R_f and T_f versus thickness of metal layer S in angstroms



4. ábra

Fig. 4: T% versus λ [nm]

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SZOKE, Jozsef (Budapest)

Investigation of the linearly conjugated polyene systems. I.
Comparative spectroscopy of the "all-trans" caroteneids. Kem tud
kozl MTA 14 no.1:11-22 '60. (EEAI 9:12)

1. Magyar Tudomanyos Akademia Kozponti Fizikai Kutato Intezete,
Budapest.

(Olefins) (Systems (Chemistry)) (Carotenoids)
(Spectrum analysis) (Unsaturated compounds)

SZOKÉ, Jozsef (Budapest)

Investigation of the linearly conjugated polyene systems. II. Correlation between the chromophoric system and the absorption maximum sports in the case of carotinoids. Kem tud kozl MTA 14 no.3:271-275 '60. (EEAI 10:9)

1. Magyar Tudomanyos Akademia Kozponti Fizikai Kutato Intezete, Budapest.

(Carotene) (Systems (Chemistry)) (Carotenoids)
(Absorption) (Chromophores)

SZOKE, Jozsef (Budapest)

Investigation of the linearly conjugated polyene systems. III.
Methods for the calculation of the absorption maximum places of the
linearly conjugated polyene systems; a critical summary. Kem tud
köl MTA 14 no.4:385-397 '60... (EEAI 10:3)

1. Magyar Tudományos Akademia Kozponti Fizikai Kutato Intezete,
Budapest.

(Carotene)	(Carboxyl group)	(Carotenoids)
(Absorption)	(Systems (Chemistry))	(Gases)

S/058/63/000/003/029/104
A062/A101AUTHOR: Szöke, Jozsef

TITLE: Physico-chemical interpretation of the nature of a new absorption band in the spectrum of 8-oxyquinoline

PERIODICAL: Referativnyy zhurnal, Fizika, no. 3, 1963, 26, abstract 3D173 ("Magyar tud. akad. Közép. fiz. kutató int. közl.", 1961, v. 9, no. 5 - 6, 323 - 339, iv, x., Hungarian; summaries in Russian and English)

TEXT: The absorption spectra (region 200 - 500 $m\mu$) of solutions of 8-oxyquinoline were investigated in a number of organic solvents (benzol, dioxane, pyridine, chloroform, methyl-, isobutyl- and other alcohols) at room temperature. It is established that the spectra of solutions in non-polar media and in solvents whose molecules contain no active hydrogen (chloroform, pyridine), are very similar and characterized by the presence of two bands about 250 and 300 $m\mu$. In contrast thereto, when passing to active polar solvents, such as alcohols, there appears in the spectrum of 8-oxyquinoline a new long-wave band disposed in the interval 400 - 500 $m\mu$ and characterized by a rather low intensity ($\log \epsilon \approx 2 - 2.5$).

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Physico-chemical interpretation of the...

S/058/63/000/003/029/104
A062/A101

Taking into account that the mentioned band is present only in spectra of solvents containing active hydrogen, the author attributes it to the complex of hydrogen with 8-oxyquinoline (called hydroxy-chelate) whose structure is evidently similar to the already well known chelates with metal contents. An evidence in favor of this conclusion is provided, in particular, by the fulfillment of the law of the action of masses for the investigated complex. The problem of the stability of the complex is analyzed, and its stability is shown to be small. There are 20 references.

N. Bakhshiyev

[Abstracter's note: Complete translation]

Card 2/2

SZOKE, Jozsef

Spectrum analysis of the linearly conjugated polyene systems. IV.
Application of Hirayama's calculation method concerning carotenoids
on the second and third grades of oxidation. Kem tud kozl MTA 16
no.3:275-297 '61.

1. Magyar Tudomanyos Akademia, Kozponti Fizikai Kutato Intezet,
Magkemiai Laboratorium II, Budapest.

SZOKE, Jozsef; CSASZAR, Jozsef

Application of reflection spectra in the research in chemical structure. I. Koz fiz kozl MTA 11 & no.1:47-55 '63.

1. Szegedi Tudományegyetem Általános és Fizikai Kémiai Intézet.

CSASZAR, Jozsef; SZOKE, Jozsef

Application of reflection spectra in the research in chemical structure. II. Koz fiz kozl MTA 11 & no.1:57-66 '63.

1. Szegedi Tudományegyetem Általános és Fizikai Kémiai Intézet.

SZOKÉ, József

Structural characteristics of uzanium compounds, Pt. 1.
Koz fiz kozl MTA 11 no.4:269-309 '63.

SZOKE, Jozsef

"Modern chemical methods used in clinics," edited by H.Chr. Gabsch,
M. Buchner. Reviewed by Jozsef Szoke. Magy kem lap 18 no.4:191
Ap '63.

SZOKE, Jozsef, dr. (Budapest, I., Piroska u. 3)

Physicochemical interpretation of the pre-absorption band of
8-oxyquinoline. Acta chimica Hung 35 no.2:179-194 '63.

1. Zentralforschungsinstitute fur Physik der Ungarischen Akademie
der Wissenschaften, Budapest, Laboratorium fur Kernchemie II.

SZOKE, K.

SZOKE, K. Experiments with the LTC coal plow made in Hungary. p. 32.

Vol. 11, no. 1, Jan. 1956

BANYASZATI LAFOK

TECHNOLOGY

Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May, 1956

Szoke, K.; Nagy, P.

Construction of prewalled brick-block dwelling houses at the housing project on Ulloi Ut. p.423

MAGYAR EPITOIPAR. (Epitoipari Tudomanyos Egyesulet) Budapest, Hungary
Vol.8, no.8, August 1959

Monthly List of East European Accessions (EEAI) LC, Vol.8, no.11
November 1959
Uncl.

SZOKE, Jozsef; LASZLO, Zoltan; HANGA, Andras

Application of a new, high-power, one-ray photometric measuring system in chemical analysis and structural research. Koz fiz kozl MTA 10 no.4:315-337 '62.

1. Muszeripari Kutato Intezet, Budapest (for Laszlo).
2. Finommechanikai Vallalat, Budapest (for Hanga).

SZÖKE KATHARINA

MD Citric acid content of bones of adult albino rats. Katharina Szöke (Inst. Nutrition, Budapest). *Vitam. u. Hormone* 7, 124-8 (1950). Citric acid content is highest in the scapula and os coxae, intermediate in the humerus and tibia, and lowest in the mandible. The content is higher in females than in males. Erich Hirschberg

(7)

SEAR, K.

STONE, K.

TECHNOLOGY

Periodical: YEARBOOK Budapest 1956/57 (published 1958)

STONE, K. The protein fractions and vitamins of the Hungarian rice sorts.
p. 65.

Monthly List of East European Accessions (EMEA) IC. Vol. 6, No. 5,
May 1959, Unclass.

SZCSE, K.

TECHNOLOGY

Periodical: YEARBOOK Budapest 1956/57 (published 1958)

SZCSE, K. Introduction of methods for the determination of water-soluble vitamins. p. 76.

Monthly List of East European Accessions (EEAL) 10, Vol. 8, No. 5,
May 1959, Unclass.

Stoke Lakeview

SZOKÉ, K.

Evaluation of different methods for determining vitamin C. p. 89

Budapest, Hungary. Melemezrudimanyi Intezer. YEARBOOK. Budapest, 1959.

Monthly list of East European Accession (EEA I) LC, Vol ~~9, no. 2, Feb, 1960~~
9, no. 2, Feb, 1960

Incl.

HELLER, Vilmos, dr.; INCZE, Ferenc, dr.; SZOKE, Laszlo, dr.

About infantile cancer; in connection with a case of colon cancer
in a 9 years old girl. Orv. hetil. 97 no.9:250-252 26 Feb 56

1. Az Istvan Korhaz Gyermeksebészeti Osztalyanak (foorvos: Heller
Vilmos dr.) a Budapesti Orvostudományi Egyetem II. sz. Korbonctani
Intezetének (igazgato: Haranghy Laszlo dr. egyet. tanar) es a
budapesti Orvostudományi Egyetem I sz. Gyermekklinika-janak
(igazgato: Gegesi Kiss Pal dr. egyetemi tanar) kozlemenye.

(COLON, neoplasms
of hepatic flexure in child, pathol. (Hun))

VEGHELYI, Peter, dr.; SZUTRELY, Gyula, dr.; TOMORY, Emilia, dr.;
GATHY, Erzsebet, dr.; KOCSIS, Magda, dr.; SIMON, Gyorgy, dr.;
SZOKE, Laszlo, dr.; TOTH, Magdolna, dr.

Hypothermia and hibernation; XI. Indications, based on own
experiences. Orv. hetil. 97 no.20:533-543 13 May 56

1. A Budapesti Orvost. Egyetem I. sz. Gyermek. (igaz.: Gegesi Kiss
Pal dr. egyetemi tanar) kozl.

(HIBERNATION, artif.

indic. & contraindic. in various dis. (Hun))

(BODY TEMPERATURE

hypothermia, controlled, indic. & contraindic. in
various dis. (Hun))

BARTA, L.; SZOKE, L.

On the effect of juvenile diabetes mellitus on the development of the patient. Acta paediat. acad. sci. hung. 3 no.2:173-186 '62.

1. I Kinderklinik (Direktor: Prof. Dr. P. Gegesi Kiss) der Medizinischen
Universität Budapest.
(DIABETES MELLITUS, JUVENILE) (GROWTH)

BARTA, Lajos, dr.; SZOKE, Laszlo, dr.

Effect of juvenile diabetes mellitus on the development of diseases.
Gyermekgyogyaszat 13 no.8:225-235 Ag '62.

1. A Budapesti Orvostudományi Egyetem I. sz. Gyermekklinika-janak
közleménye. (Írás-gató: Gegesi Kiss Pal dr: akadémikus, egyetemi
tanár).

(DIABETES MELLITUS in inf & child)

BARTA, Lajos, dr.; SZABO, Jozsef, dr.; SZOKE, Laszlo, dr.

Evaluation of the Shwachman-Gahn test in various childhood diseases. Gyermekgyogyaszat 15 no.5:139142 My'64

1. A Budapesti Orvostudományi Egyetem (igazgató: Gegesi Kiss, Pal, dr, egyetemi tanár, akadémikus) közleménye.

*

ROSTA, Janos, dr.; SZÖKE, Laszlo, dr.; AGFALV Rozsa, dr.

Examination of neonatal archaic (primitive) reflexes in icterus
gravis. Orv. hetil. 106 no.37:1737-1740 12 S'65.

1. Budapesti Orvostudományi Egyetem, I. Gyermekklinika (igazgató:
Gegesí Kiss, Pal, dr.).

ROSTA, J.; SZOKE, L.

Prolonged icterus neonatorum of breast-fed infants. Acta paediat.
6 no.2:221-225 '65.

1. First Department of Paediatrics, University Medical School,
Budapest. Submitted January 3, 1965.

KUTAS, Andor; SZOKE, Laszlo

Technical and economic news. Koh lap 93 no.2:93 F '60.

1. "Kohaszati Lapok" rovatvezetoje es szerkeszto bizottsagi tagja.
(for Kutas).

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

EST AND 1TH ORDER PROCESSES AND PROPERTIES INDEX 1TH AND 2TH ORDER

SZÖKE, L. 18

A Statistical Investigation of the Deformation of Cold-Rolled Metals and Alloys. L. Szöke, (Hungarian Palatine Joseph University, Publications of the Department of Mining and Metallurgy, 1944-47, vol. 16, pp. 20-25). Tests on 18/8 stainless steel demonstrated that there is a linear relationship between the deformation of a test-piece as a whole, and the average deformation of crystal grains.--M. A. V.

ASB-31.4 METALLURGICAL LITERATURE CLASSIFICATION

FROM: 31.411 31.412 31.413 31.414 31.415 31.416 31.417 31.418 31.419 31.420 31.421 31.422 31.423 31.424 31.425 31.426 31.427 31.428 31.429 31.430 31.431 31.432 31.433 31.434 31.435 31.436 31.437 31.438 31.439 31.440 31.441 31.442 31.443 31.444 31.445 31.446 31.447 31.448 31.449 31.450 31.451 31.452 31.453 31.454 31.455 31.456 31.457 31.458 31.459 31.460 31.461 31.462 31.463 31.464 31.465 31.466 31.467 31.468 31.469 31.470 31.471 31.472 31.473 31.474 31.475 31.476 31.477 31.478 31.479 31.480 31.481 31.482 31.483 31.484 31.485 31.486 31.487 31.488 31.489 31.490 31.491 31.492 31.493 31.494 31.495 31.496 31.497 31.498 31.499 31.500

SZOKFI, L.

Atlas of the Heat Treatment of Steel; a book review. p. 39.
Role of metal chrome in today's economy. p. 41. KOHASZATI LOPAK,
(Magyar Banaszati es Kohaszati Egyesulet) Budapest Vol.11, NO. 1, Jan 1956

SOURCE: East European Accessions List (EEAL) Library of Congress
Vol. 5, No. 6, June 1956

SZÖKE, L.

A half century of electric-arc furnaces producing steel. p.427

KOHASZATI LAPOK. (Magyar Banyaszati es Kohaszati Egyesulet)
Budapest, Hungary
Vol. 13, no.9, Sept. 1958

Monthly List of East European Accessions (EEAI) LC., Vol. 8, no.7, July 1959
Uncl.

SZOKE, LASZLO

6
MJC(JD)

Distr: 4E2c(m)

19

Investigation of chromium alloying by isotope dilution analysis. Izsef Fodor, Laszlo Szoke, Tibor Jozsef, and Klara Mihics. Energia et Atomtech. 13, 877-9(1960).—The dissoln. of Cr during the alloying of steels with Fe-Cr was investigated by using Cr⁵¹ as tracer, in order to establish the effect of particle size and of other parameters on the homogeneity of the finished alloy steel. As only a relative knowledge of the Cr distribution was required, the infinitely thick slab method was used. After employing different fabrication processes, such as introducing the Fe-Cr at the bottom of the vessel contg. 50 tons of molten metal, or using half-filled vessels and detg. the activity of the samples drawn from different locations by means of a scintillation counter, it was established that the Cr distribution was quite uniform. Such batch-alloying of low-C steels is feasible, because movement of the molten metal assures proper mixing. Isotope diln. analysis can be employed only if the heat content of the system is not changed noticeably during the alloying process. T. T. T.

G/029/62/000/002/001/003
I014/I252

AUTHOR: Szöke, L. (Sokpest)

TITLE: A study of vacuum degasification of liquid steel

PERIODICAL: Neue Hütte, no.2, 1962, 94-102 .

TEXT: The first series of experiments, carried out at the Csepel steel plant at the end of 1959, consisted of vacuum-casting of ingots of 0.3 to 4 tons at pressures of 26 to 43 torr. Numerous practical difficulties were encountered, such as splashing of the metal on the bottom of the vacuum chamber, formation of a solid crust on the upper mold wall and solidification of the funnel. In spite of all efforts, the metal could not be milled throughout the casting section and the ingots were highly heterogeneous. The second series consisted in vacuum degasification in 15-ton ladles with a final pressure of about 5 torr, and a duration of treatment of 8 minutes. Although the sulfur content could not be reduced, the treatment permitted reduced flocculation in alloyed steels. Degasification in the ladle also had a favourable effect on the casting of complex

Card 1/2

G/029/62/000/002/001/003
I014/I252

A study of vacuum degasification...

parts and the production of high-nickel alloys. It was found that the inclusion content could be reduced by vacuum degasification during transfer of the steel from ladle to ladle. There are 14 figures and 3 tables.

SUBMITTED: November 6, 1961

Card 2/2

SZOKE, Laszlo

The 1961 general meeting of the "German Society of Mining and Metallurgy". Koh lap 95 no.1:45 Ja '62.

1. "Kohaszati Lapok" szerkeszto bizottsagi tagja.

(Germany, East—Mining engineering)
(Germany, East—Metallurgy)

SZOKE, Laszlo

The state and future tasks of steelmaking at the 50-year-old Csepel Steel Works. Koh lap '96 no.3:105-112 Mr '63.

1. "Kohaszati Lapok" szerkeszto bizottsagi tagja.

SZÖKE, Laszlo, okleveles kohomernok

Problems of manufacturing basic materials for pipes and its
new trends in Hungary. Koh lap 97 no.7:305-312 J1 '64.

1. Csepel Steelworks.

L 16632-66 EPF(n)-2/EWP(t) JD/WW/JG
ACC NR: AP6008906

SOURCE CODE: HU/0014/65/098/002/0060/0065

AUTHOR: Szoke, Laszlo

ORG: none

TITLE: Experiences in the field of vacuum-treatment of liquid steel ²⁸ A

SOURCE: Kohaszati lapok, v. 98, no. 2, 1965, 60-65⁶

TOPIC TAGS: steel, vacuum melting

ABSTRACT: Vacuum-treatment experiments with molten steel were conducted at the Steel Works (Acelmu) in Csepel since 1960. The experiences gained during this period were described and discussed. The treatment was found to favorably affect the turbulences in the ladle in that an increased rate of the upward movement of the occlusions and a better homogeneity of the melt became evident. The mechanical strength of the vacuum-treated steels increased and there was less flaking. Further decrease in the inclusion content was achieved by stirring the contents of the ladle by argon-gas agitation. Some specific data illustrating the applications and results of the vacuum-treatment were presented and discussed. Orig. art. has: 11 figures and 3 tables. [JPRS]

SUB CODE: 11, 13 / SUBM DATE: none / ORIG REF: 003 / OTH REF: 009

¹³
Card 1/1

UDC: 669.18:66.048.5:546.293 ²

L 16646-66 EMP(t) JD

ACC NR: AP6008889

SOURCE CODE: HU/0014/65/098/004/0164/0171

AUTHOR: Szoke, Laszlo

ORG: none

15
B

TITLE: A review of the literature dealing with problems of converting Martin furnaces from natural gas to oil firing

SOURCE: Kohaszati lapok, v. 98, no. 4, 1965, 164-171

TOPIC TAGS: melting furnace, natural gas, fuel oil

ABSTRACT: The literature dealing with problems encountered in the conversion of Martin furnaces from natural-gas to oil firing was reviewed to provide advance guidance to a similar conversion contemplated for the Martin furnaces at the Steel Works (Acelmu) in Csepel. Orig. art. has: 16 figures and 7 tables. [JPRS]

SUB CODE: 13 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 017
SOV REF: 004

ts
Card 1/1

UDC: 669.183.29: 662.61 : 662.753.3

2

Notes

Problems of transition from Latin to Cyrillic orthography of
Latin languages as reflected in literature. Kozh Lap 98 no.4:
142-143. Apr '65.

1. Editorial Board Member, "Kobasiani Lapok."

L 32154-66 EWP(h)/T DJ

ACC NR: AP6023544

SOURCE CODE: HU/0014/65/098/012/0529/0534

50
B

AUTHOR: Szoke, Laszlo (Graduate metallurgical engineer)

ORG: Research Institute for the Iron Industry (Vasipari Kutato Intezet)

TITLE: Modern manufacturing techniques for alloyed electro-steel with low occlusion content

SOURCE: Kohaszati lapok, v. 98, no. 12, 1965, 529-534

TOPIC TAGS: airframe component, engine piston, antifriction bearing, molybdenum steel, chromium steel, electric steel

ABSTRACT: The manufacture of chromium-molybdenum steels for applications where the presence of occlusions is detrimental, such as bearings, piston-assemblies, aircraft components, and balls, was discussed on the basis of experiences gained in this field during the modernization of Csepel Iron Works (Csepeli Vasmu) in Csepel. The significance of the individual manufacturing parameters was discussed on the basis of literature references, especially the paper by SHIELDS, B. M., ("Meeting Cleanliness Requirements of Superduty Steels. Quality Requirements of Superduty Steels", Metallurgical Society AIME, 1959). The processes employed at Csepel Iron Works were described. The author thanks Tibort Budinszky for his assistance with the problems as well as Ernot Weigl, Gyulat Horvath and Karolyt Szipka for their advice. Orig. art. has: 8 figures and 5 tables. [JPRS]

SUB CODE: 11, 13, 01 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 017

Card 1/1

UDC: 669.14.018.247.002.612

0915

1507

SzöKE. P.

✓ 2192. Szöke, P., The cold drawing of gears in a new manner. *Magyar Technika*, 1952, 443-447, July-Aug. 1952.

A new method of manufacturing gears, cold-drawing, is described. This method is carried out in the same manner as the cold-drawing of tubes. The accurate gear profile is obtained in 5 to 6 steps from a steel bar with a circular section. The bars must be annealed, pickled, and phosphated between each drawing operation. Gears are manufactured by subsequent machining from the bars drawn to size. The gears are cut off one at a time after providing the bar with a through bore. The manufacture of gears has been stepped up considerably since the teeth of a great number of wheels are cut simultaneously in the drawing process. As shown by approximative calculations, the time required for toothing a gear to accurate size is, on the average, 0.29 min. The possibilities exist for also manufacturing splined shafts, adjustable reamers, feed shafts, etc., by this method.

P. Székely

Courtesy of Hungarian Technical Abstracts

SZOKE, P. - Vol. 8, no. 1, Jan. 1955. - Magyar Energiagazdasag.

Electric drive of paper machines. p. 24

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

SZOKE, Pal

On the work of the Somogy County interprofessional committees.
Munka 12 no.9:14 S '62.

1. Szakszervezetek Somogy megyei Tanacsanak vezető titkara.

SZOKE, Peter, tudományos munkatárs

Ornithomusicology. Magyar tud 70 no.9:592-607 S '63.

1. Madartani Intezet.

STAND, Peter

new method for recording bird sounds. April 69/70:109-124
109-163 [publ. '64].

CIA SZURE, S.

Correlation of solvents to the extinction curves of polycyclic complexes. Árpád Kiss and S. Szoke. *Acta Univ. Szeged., Chem. et Phys.* 2, 157-62(1949).—Extinction curves of Ni 2-hydroxybenzalanine, Ni salicylaldehyde ethylenediamine, Ni 2-aminobenzaldehyde-o-phenylenediamine, Cu 2-hydroxybenzalanine, Cu 2-hydroxybenzal-4'-hydroxyaniline, Cu 8-hydroxyquinoline were detd. in the solvents MeOH, EtOH, PrOH, acetone, CHCl₃, CCl₄, C₆H₆, toluene, xylene, and pyridine between 200 and 700 m μ . The solvents had stronger effects on the absorptions of the central ion and of the coordinated binding electrons than those of the aromatic ligands. Solvents seem to have two effects: one induced on the whole mol. of the complex and another characterized by a configuration of the mols. of the solvents in trans position on two free coordination places of the complex or on reactive atoms of ligands. István Finály

SZÖKE. S.

Quantitative evaluation of paper chromatograms on the basis of remission measurement.

p. 175 (Elelmezési Ipar. Vol. 11, no. 7/8, Oct. 1957. Budapest, Hungary)

Monthly Index of East European Accessions (EEAI) IC. Vol. 7, no. 2,
February 1958

HUNGARY / Zooparasitology: Parasitic Protozoa

G

Abs Jour : Ref Zhur - Biol., No 12, 1958, No 52960

Authors : Meszaros, J.; Szoke, S.

Inst : Not given

Title : Data on Pathogenicity of Trichomonas Foetus.

Orig Pub : Magyar allatorv. lapja, 1957, 12, No. 10, 324-327

Abstract : A case of a trichomoniasis epidemic of cows in one Hungarian district is described.

Card 1/1

L 01055-66

ACCESSION NR: AT5022332

HU/2502/64/041/003/0325/0328

13
B+1

AUTHOR: Szoke, Sandor (Doctor)(Budapest)

TITLE: Calculation of the force constants of diatomic molecules from physico-chemical parameters

SOURCE: Academiae scientiarum hungaricae. Acta chimica, v. 41, no. 3, 1964, 325-328

TOPIC TAGS: diatomic molecule, molecular physics, chemical bonding

Abstract: [English article] In order to extend the range of the Morse function (MORSE, P. M.; Phys. Rev., Vol 34, 1929, p 57), characterizing the relations between dissociation energy and equilibrium atomic distance, the relations were formulated in their simplest possible form, i.e., in molecules formed by atoms predominantly of covalent bonds where the force constants are in direct proportion to the square root of the electro-negativities and of the bond energies, and in an inverse relation to the bond distances. Provided that the formation heats of the appropriate homo-nuclear molecules do not differ significantly, it is possible to derive an equation for the force constants. Orig. art. has 18 formulas.

Author's address: Institute for Chemistry of the Hungarian Academy of Sciences
Card 1/2

L 01055-66

ACCESSION NR: AT5022332

ASSOCIATION: Central Research Institute for Chemistry of the Hungarian Academy
of Sciences, Budapest

SUBMITTED: 05Jun64

ENCL: 00

SUB CODE: NP, CC

NR REF SOV: 000

OTHER: 003

JPRS

Card *ML*
2/2

KIBEDI, Tibor, dr.; SZOKE, Szabolcs, dr.

Roentgen diagnostic signs of epiploitis. Magy. radiol. 14 no.5:
279-284 S '62.

1. Nograd Megyei Tanacs Korhaza, Salgotarjan, Rontgen- (foorvos
Kibedi Tibor dr.:) es Sebeszi osztalyanak (mb. foorvos Szoke Szabolcs
dr.) kozlemenye.

(OMENTUM)

(INTESTINAL NEOPLASMS)

CA

17

Extraction of morphine in diffusion batteries like those of sugar mills. György Oplátka and Sándorné Szóke. *Cukoripar* 3, 56-9(1950).—A miniature "diffusion" battery consisting of 16 containers of 3.5 l. was used in pilot-plant expts. The relatively low morphine content of poppy capsules and the slow diffusion rate of morphine required application of long diffusion periods (from 7 to 28 hrs.) and of unusually high juice rates (from 250 to 350% of capsule wt.). The amt. of morphine and of other sol. ingredients in the diffusion juice increased proportionately to the length of diffusion period and to the increase in temp. The content on deffing substances seemed to increase more quickly than that of morphine. The best morphine output (up to 77.3%) was obtained when working at 80° and applying a great amt. of extg. liquid for 14 hrs. The morphine content of the fresh and of the extd. capsules was 0.374-0.406% and 0.039-0.137%, resp., the diffusion liquid contained 0.060-0.115% morphine and had a purity grade of 1.11-1.67%.
1. Finálv

PROCESSES AND PROPERTIES INDEX

31

661.121.017 [517.27]

57. Nitrogen compounds of sugar beets, by S. SKÖGA.
 ("Cokoripar" --- *The Sugar Industry* --- Vol. III, No. 10, pp. 221-226, Oct., 1950, 4 tabs.)

Systematic investigations were made by the Research Institute of the Sugar Industry to obtain data on the qualitative and quantitative conditions of the ingredients of Hungarian sugar beets. In the course of these investigations first the physical and chemical influences of the various nitrogen compounds of the beets were examined, then the well-known analytical methods were evaluated both theoretically and by practical tests in order to find the method best suited for domestic conditions. It is recommended that the *Kjeldahl-Helm* process should be employed for determining the total nitrogen content of the beets, the *Burstein* process for determining the protein content, and the *Schulze* process for establishing the ammonia and semi-amides content. While the detrimental nitrogen content is established by the *Andriik* process, the amount of harmful ammonia nitrogen is determined by the colorimetric method proposed by *Vandrec*. On the basis of the determinations, made according to the above mentioned processes, it has been established that in the 1949 beet crop the total nitrogen content ranged from 0.143 to 0.266 per cent; 90 to 95 per cent of the protein compounds and the smaller portion of detrimental nitrogen passed into the lime mud. The greater part of the ammonia and semi-amide groups volatilized during distillation, however, a smaller portion together with over 90 per cent of the detrimental nitrogen content entered the molasses.

METALLURGICAL LITERATURE CLASSIFICATION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

1ST AND 2ND ORDERS PROCESSES AND PROPERTIES INDEX 3RD AND 4TH ORDERS

31

Cukoripar
THE SUGAR INDUSTRY
Vol. 111. - 1950
No. 11, Nov.

S. Szabo
Beef storing tests made in 1949-50 216-249

COMMON ELEMENTS
COMMON VARIABLES INDEX

OPEN
INTERNAL INDEX

ASS-51A METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS 3RD AND 4TH ORDERS

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

SZOKE, Mrs. S.

✓ The measurement of heat conductivity of sugar beet. Gyorgy Oplatka and Mrs. S. Szoke (Research Inst. Sugar Ind., Budapest). *Cukortipar Kiváltásai Évkönyve 1950*, 107-18 (French summary).—Heat conduction was measured by placing differently shaped beet particles of known stable temp. into a water bath of a temp. different from that of beet particles, then observing changes in temp. of beet particles. The theoretic discussion of the problem is based upon the classical Fourier equation, and equations are evolved which determine the distribution of temp. in the inside of beet particles with a prismatic and with a cylindrical shape. Experimental data agree tolerably with theory, confirming that heat conduction in beet particles follows the theoretic functions. On the basis of experimental results the temp. can be plotted as a function of time. The temp. coefficient of the conductivity of the beet was found to be $9 \cdot 10^{-2}$ sq. cm./min. A complete analogy exists between heat conductivity and the variation of concn. Conductivity data obtained with a model of a given geometric form can be utilized when the phenomenon of diffusion is discussed. Measurements at low temps. proved that the conductivity coefficient of the sugar beet is reduced at temps. below 50° ; this is due probably to physiol. changes in the inside of the beet. István Fingly

①

SZOKI, S.

Straub, R.; Szoki, S.

"Glutinous Bread." p. 337 (Elemezési Ipar. Vol. 5, no. 11, Nov. 1951. Budapest)

SO: Monthly List of East European Accessions. Vol 3 No 6 Library of Congress, Jun 54, Uncl.

SZÖKE, S.

Hungarian Technical Abst,
Vol. 6 No. 1
1954

②

576.8.09 : 543.867 : 547.965

58. Microbiological assays of vitamins and amino acids — *Mikrobiológiai vitamin és aminosav meghatározások* — S. Szóke and Gy. Josepovits. (Food Industry — *Élelmiségi Ipar* — Vol. 7, 1953, No. 1, pp. 13-16, 3 tabs.)

Microbiological methods were found most adequate for the quantitative determination of the amino acid and vitamin contents in cereals, cereal products and sunflower seeds. These methods are more reliable and rapid than those used ordinarily. The vitamin content of different wheat varieties and flours could easily be established by the microbiological determination. Moreover, in order to increase the biological value of bread it was found advisable — under Hungarian conditions — to add sunflower seed meal to the formula. S. Sz.

SZOKE, S.

"The activity of the National Grain and Flour Research Institute." p. 122.
(Magyar Kemikusok Lapja, Vol. 8, no. 4, Apr. 1953, Budapest)

SO: Monthly List of East European Accessions, Vol. 3, No. 2, Library of Congress,
Feb. 1954, Unclassified

SZOKÉ, S.; KEKEDY, P.

Nonperishable bread, p. 295.

(Elelmezesi Ipar, Budapest, Vol. 8, no. 10, Oct. 1954)

SO: Monthly List of East European Accessions, (EEAL) LC, Vol. 4, no. 6, Jun. 1955, Uncl

Hungary /Chemical Technology, Chemical Products
and Their Application

I-32

Food industry

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 32973

Author : Szoke Sandor, Josepovits Gyulane

Title : Increasing the Nutritive Value of Bread and
Bakery Products

Orig Pub: Magyar kemik. lapja, 1954, 9, No 2, 59-62

Abstract: To increase the protein content of break, soy-
bean-, sunflower seed- and lupine seed flour is
added, taking into account the specific features
of the technological process; bread is vitamin-
ized by addition of B₁ and PP preparations.

Card 1/1

SEKERE, S.; SEMAI, L.

SEKERE, S.; SEMAI, L.
Experiment for domestic use of the activating process of yeast.
p. 333

Vol. 9, No. 11, Nov. 1955 Budapest, Hungary EISENHEESI IPAR

SO: Monthly List of East European Accessions, (EEAL), IC, Vol. 5
No. 3, March, 1956

SZOKÉ, SANDOR

Hungary/Chemical Technology. Chemical Products and Their Application -- Food industry, I-28

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6570

Author: ~~Szoke, Sandor~~; Ibranyi, Katalin

Institution: None

Title: Investigation of the Quality of Bread

Original

Publication: Elelm. ipar, 1956, 10, No 6, 161-169

Abstract: A review. Bibliography, 41 references.

Card 1/1

SZOKE, Sandor, dr.

Chemical and technological analysis of flours milled from
selected grain slices. Elelm ipar 11 no.2:33-37. Ap '57.

SZALAI, Lajos; SZOKE, Sandor

Quatitative evaluation of paper chromatograms on the basis of
the remission measurement. Elelm ipar 11 no.7/8:175-177 0 '57.

1. Orszagos Gabona- es Lisztkiserleti Intezet.

SZOKE, Sandorne; KRAMER, Mihalyne

Questions relating to vitamin supply and vitaminizing foods.
Elelm ipar 13 no.4:126-130 Ap '59.

1. Orszagos Elelmezes- es Taplalkozastudomanyi Intezet.

HUNGARY

ZEMPLENI, Tibor; SZOKE, Sandor (Mrs); and technical workers; State Institute for Food and Nutrition (Orszagos Elelmezes- es Taplalkozas-tudomanyi Intezet)

"The Effect of Copper on the Vitamine C Utilization in the Rat and Guinea Pig."

Budapest, Kiserletes Orvostudomany, Vol XIV, No 6, 1962, pp 581-586.

Abstract: [Authors' summary modified] Traces of copper in the food was given to animals and they were tested for their influence on the vitamine C utilization. Upon addition of 15 mg per day copper, the Cu content of the liver increased 13 fold in rats while their weight and the relative weight of their organs remained unchanged. Guinea pigs receiving the same amount of Cu showed a 3 fold increase of Cu in the liver, the weights again remaining unchanged. The vitamine C content of the adrenals was somewhat decreased, that of the liver unchanged. The serum alkaline phosphatase level was considerably decreased in young animals. 15 mg/day Cu over a 2 months period damages the vitamine C utilization. This is mainly significant in the young.

[6 Soviet-bloc, 11 Western references]

1/1

TARJAN, Robert; KRAMER, Mihalyne; SZOKE, Sandorne; LINDNER, Karoly

Composition and changes in human milk due to various factors.,
I. Effect of consumption of foods with high vitamin content of
the human milk. Gyermekgyogyaszat 14 no.4:119-122 Ap '63.

1. Orszagos Elelmezes es Taplalkozastudomanyi Intezet (Igazgato:
Prof. Tarjan Robert dr.).

(MILK, HUMAN)	(DIET)	(VITAMIN A)	(RIBOFLAVIN)
(ASCORBIC ACID)	(CITRUS FRUITS)	(CAROTENE)	

SZOKE, Sandor, dr. (Budapest, II. Pusztaszeri ut 57/69)

Calculation of the force constants of diatomic molecules from
physicochemical parameters. Acta chimica Hung 41 no.3 325-
328 '64.

1. Central Research Institute for Chemistry of the Hungarian
Academy of Sciences, Budapest.

47531-66 EMP(J) RM

ACC NR: AT6035004

SOURCE CODE: HU/2502/66/047/002/0173/0184

AUTHOR: Szoke, Sandor--Seke, Sh. (Doctor) and Farago, Terez, of the Central Research Institute for Chemistry at the Hungarian Academy of Sciences in

Budapest.

"Calculation of the Force Field on the Ethylene Model"

22
(67)

Budapest, Acta Chimica Academiae Scientiarum Hungaricae, Vol 47, No 2, 1966, pp 173-184.

Abstract: [English article; authors' English summary] The force constants of the ethylene molecule have been calculated. Fourteen equations were used to calculate eleven force constant components applying the method of least squares. In the calculation of the constants of the stretching vibrations, the force constants of diatomic molecules were used as approximate values. By this procedure the relationship of the force constants with the applied empirical data has been established.

Orig. art. has: 2 figures,

16 formulas and 6 tables. [SPRS: 36,002]

TOPIC TAGS: ethylene, molecular physics

SUB CODE: 07,20 / SUBM DATE: 22 Jul 65 / ORIG REF: 001 / OTH REF: 019

SOV REF: 004

Card 1/1

0921 157

SZOKE, Szabolcs, dr.

An operated case of echinococcal cyst. *Magy. sebeszet* 16 no. 3:178-182
Jl '63

1. A salgotarjani Megyei Korhaz Sebeszeti Osztalyanak kozlemenye
(Mb. foorvos: dr. Szoke Szabolcs)
(ECHINOCOCCOSIS, HEPATIC)